

Policy on Environment and Energy Usage

BACKGROUND:

It is necessary to protect environment from the pollution caused by the irrational power consumption. As a part of environmental strategy, the Kavayitri Bahinabai Chaudhari North Maharashtra University (KBCNMU) is committed toward rational energy uses and shall practice energy efficiency throughout all the university utilities, premises, schools, departments, and equipment etc. by improving the cost effectiveness, productivity and working conditions in the university.

OBJECTIVES:

KBCNMU have long term objectives to minimize the fossil fuel driven power utilization and optimize the renewable powered appliances; to migrate on the renewable powers to curb the pollution and confine the climate change effects. University is aiming to cutdown its energy consumption by 30% up to 2030. Most of the common utilities shall be made more energy efficient to achieve the goals.

PROPOSED ACTIONS ON ENERGY CONSERVATION:

- **Energy Audit:**

The regular energy audit will be executed in the various establishments of the university, to get the factual figure of the power consumption. The auditor will identify the power leakage points. As per auditors' suggestions appropriate measures will be initiated for energy conservation.

- **Replacement of electrical appliances:**

There are many high power consuming electrical appliances in the university premises. All these appliances like ceiling fans, tube lights and cooling systems etc. will replaced by high rating energy efficient appliances in time bound program.

- To gain control over energy consumption by reviewing and improving the day-to-day practices.

- Regular energy audit is required.
- Replacement of all the ceiling fans by BLDC motor fans.
- Replacement of power consuming tube lights with LED tubes/bulbs.
- Power efficient cooling systems (five-star rating air conditioners, water coolers etc).
- Migration on emission free technologies like e-vehicles for common transportation.
- Efficient utilization of roof tops of the university buildings to generate maximum solar power.

RESPONSIBILITIES:

- Constitution of committee responsible for ensuring efficient power savings.
- Nomination of person responsible for coordinating energy management activities.

ENVIRONMENTAL CONSERVATION:

- Effective solid and liquid waste management generated in various sections of the university.
- Conducting environmental awareness programs in rural and tribal area under university jurisdiction.
- Promotion of ecofriendly practices viz. paperless office, rainwater harvesting, no vehicle day etc. For environmental protection.
- Involvement of NSS volunteers in water conservation and environmental protection activities.
- Celebration of World Environmental Day/World Water Day/Earth Day to inculcate the awareness among the students to become environmental conscious citizen of India.
- Biogas production from the waste generated in the mess of hostel. Vermicomposting of garden waste generated on the university campus.
